Quantitation Report (Qedit)

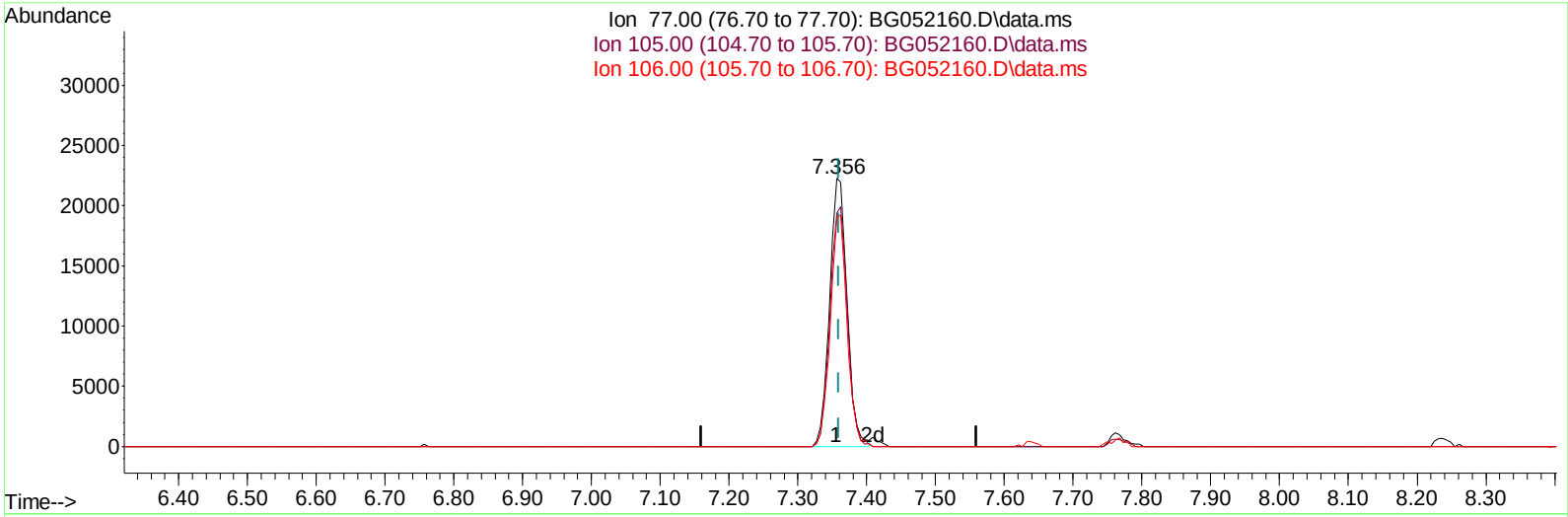
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052160.D
Acq On : 26 Jan 2022 21:56
Operator : CG/JU
Sample : PB142280BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

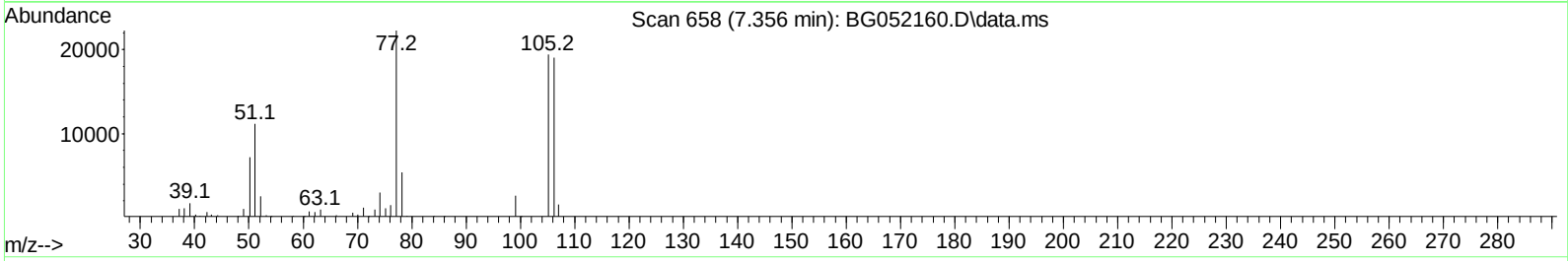
Quant Time: Jan 27 00:02:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 26 23:58:52 2022
Response via : Initial Calibration

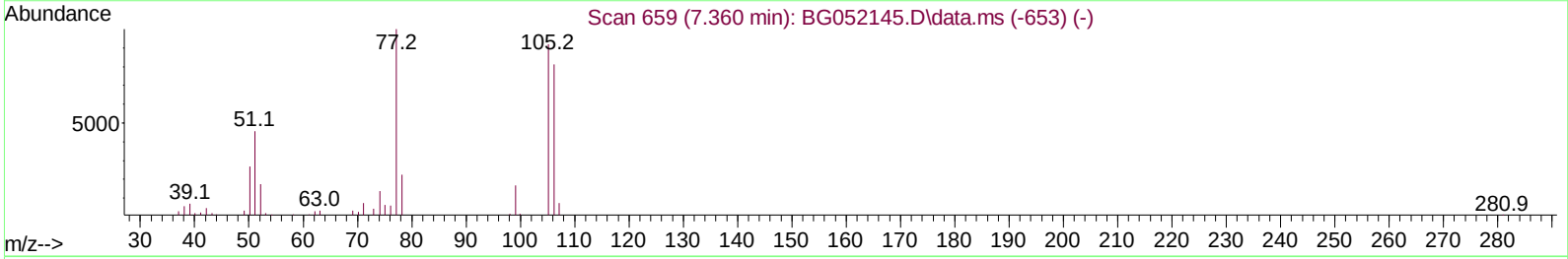
Instrument :
BNA_G
ClientSampleId :
SLCS280

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :Yogesh Patel 01/28/2022







TIC: BG052160.D\data.ms

(6) Benzaldehyde

7.356min (-0.004) 23.45 ng/ul

response 39294

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	87.10
106.00	76.50	85.48
0.00	0.00	0.00

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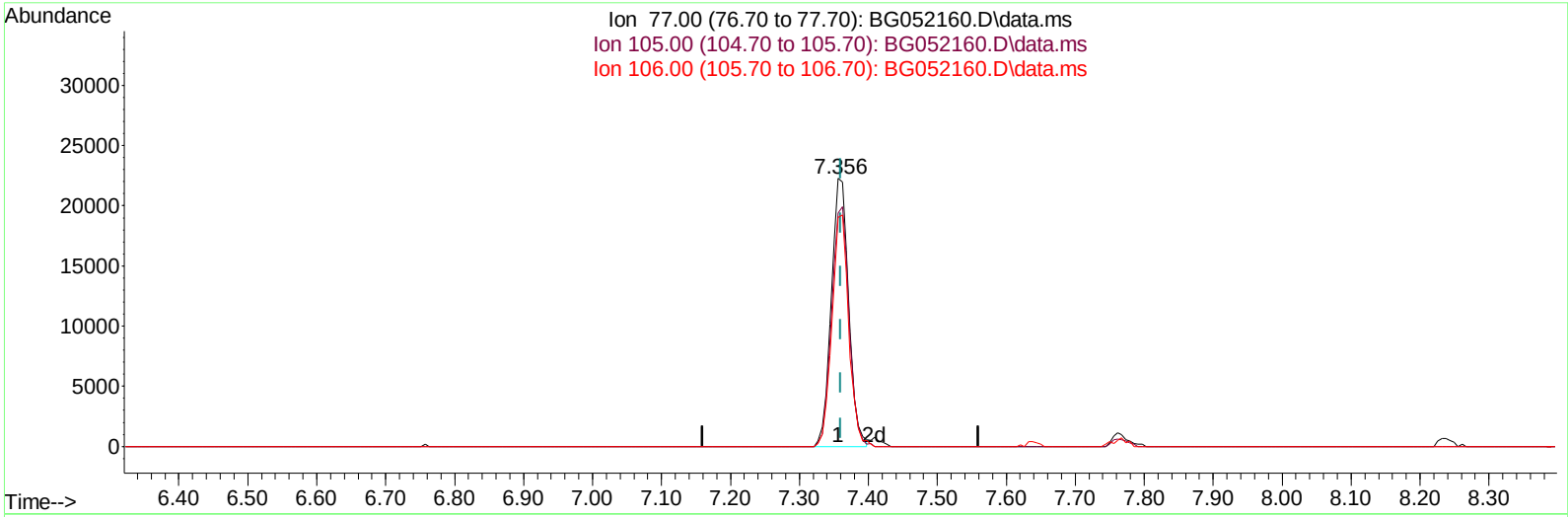

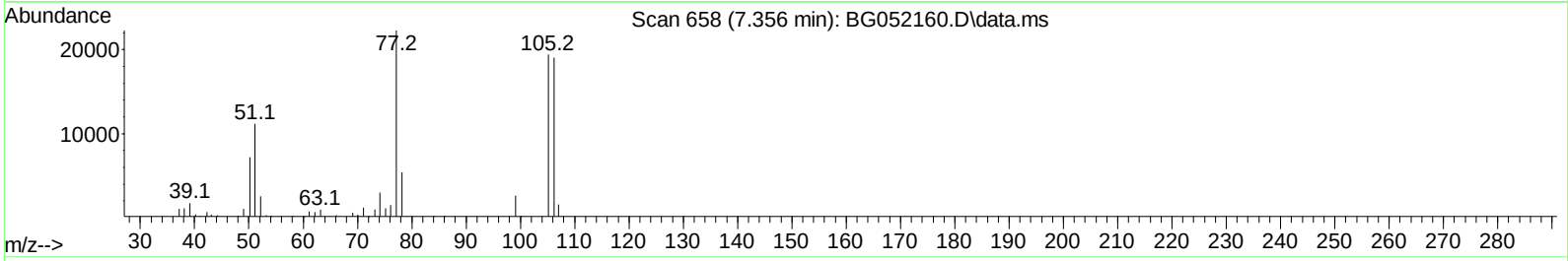

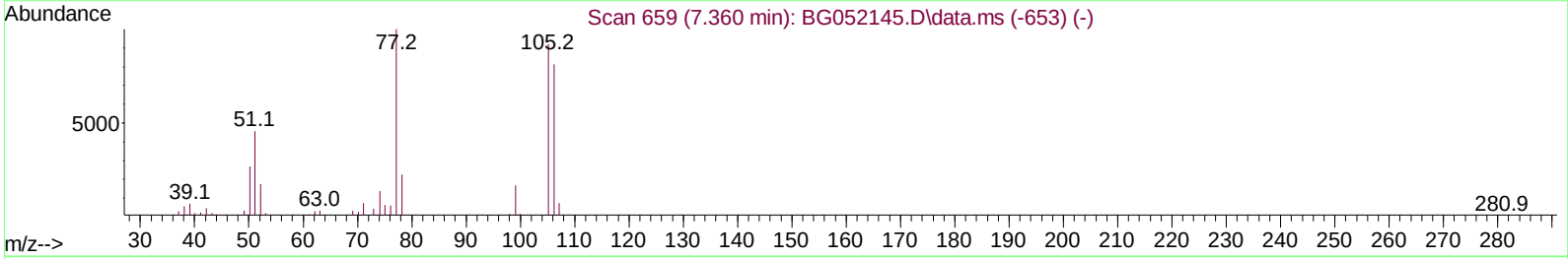

TIC: BG052160.D\data.ms

(6) Benzaldehyde

7.356min (-0.004) 23.35 ng/ul m

response 39118

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	87.10
106.00	76.50	85.48
0.00	0.00	0.00

Quantitation Report (Qedit)

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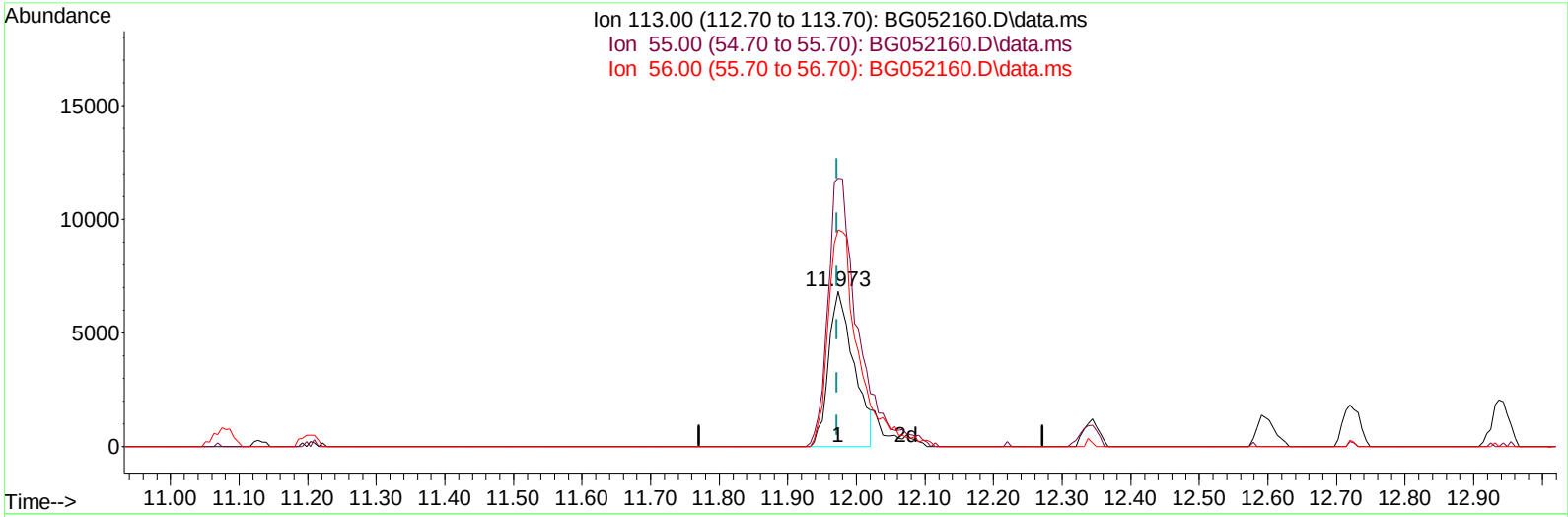

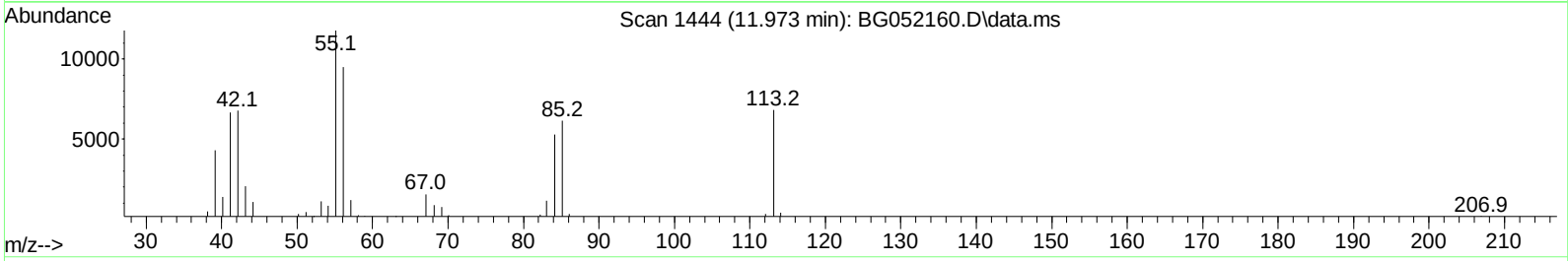

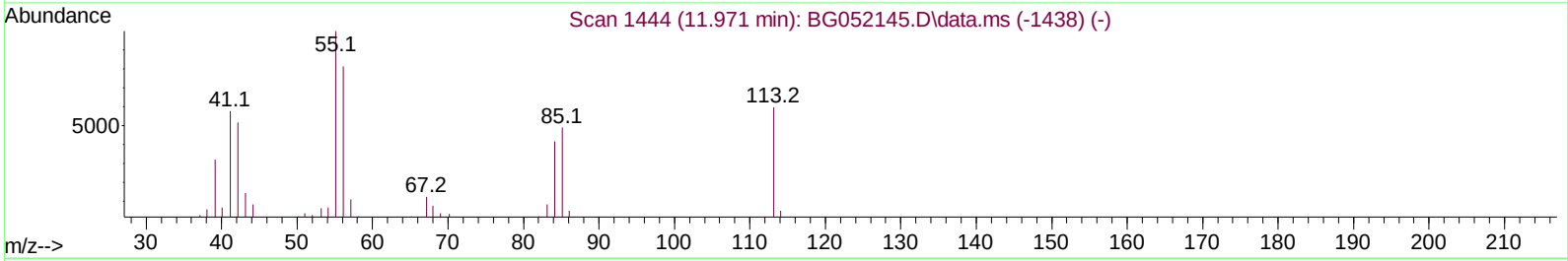

TIC: BG052160.D\data.ms

(34) Caprolactam

11.973min (+ 0.002) 25.20 ng/ul

response 17607

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	172.51
56.00	136.50	139.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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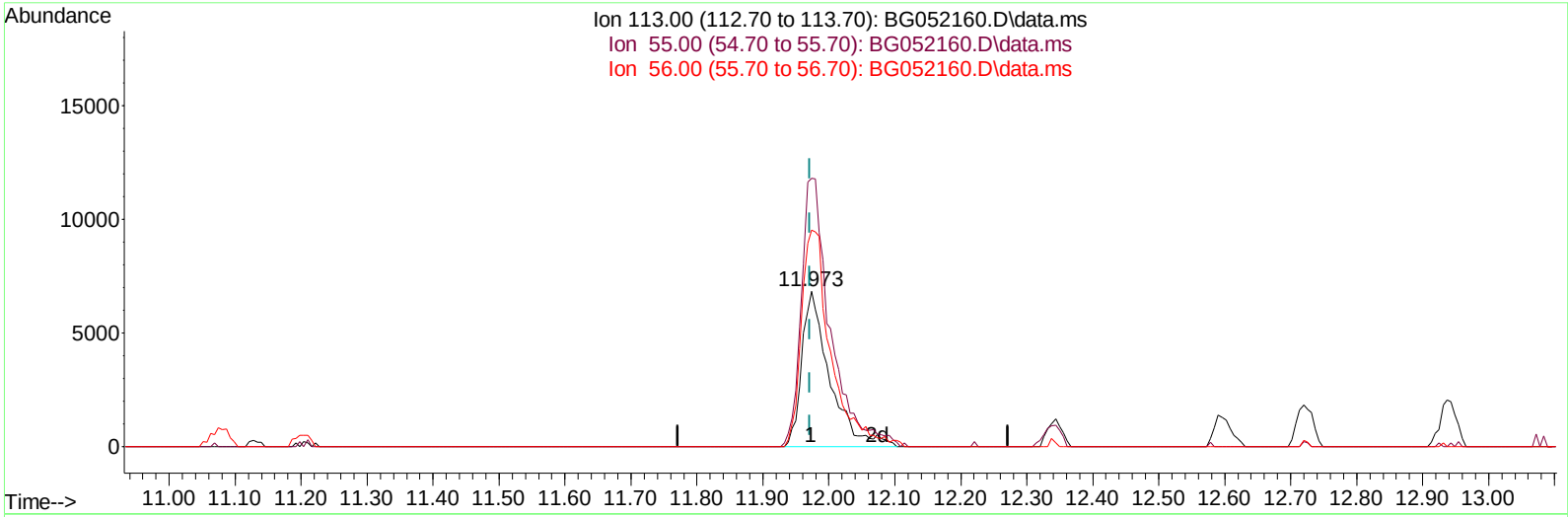

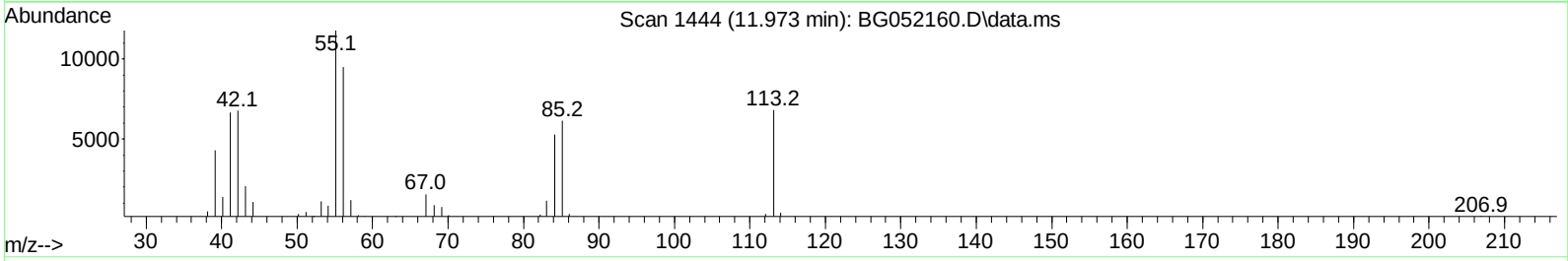

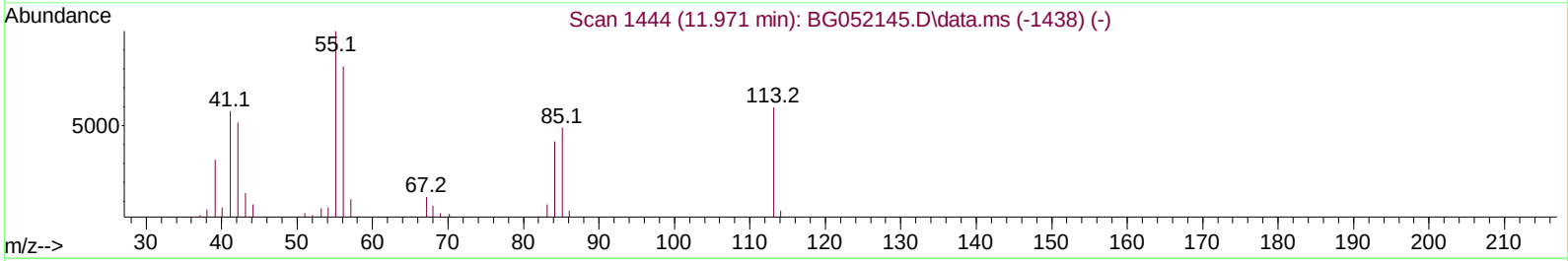

TIC: BG052160.D\data.ms

(34) Caprolactam

11.973min (+ 0.002) 28.59 ng/ul m

response 19975

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	172.51
56.00	136.50	139.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 01/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.237	152	25737	20.000	ng/ul		0.00
20) Naphthalene-d8	11.075	136	107013	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.881	164	81689	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.631	188	200922	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.948	240	193169	20.000	ng/ul	#	0.00
88) Perylene-d12	25.426	264	196306	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.567	96	3631	5.041	ng/uL		0.00
4) Pyridine-d5	3.990	84	51196	22.866	ng/ul		0.00
7) Phenol-d5	7.386	99	65556	26.025	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	38794	24.261	ng/ul		0.00
11) 2-Chlorophenol-d4	7.767	132	47248	28.330	ng/ul		0.00
15) 4-Methylphenol-d8	8.948	113	54641	27.904	ng/ul		0.00
21) Nitrobenzene-d5	9.412	128	25430	30.074	ng/ul		0.00
24) 2-Nitrophenol-d4	10.141	143	28641	30.626	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.693	165	56717	31.027	ng/ul		0.00
31) 4-Chloroaniline-d4	11.198	131	65353	25.672	ng/ul		0.00
46) Dimethylphthalate-d6	14.270	166	193854	28.710	ng/ul		0.00
49) Acenaphthylene-d8	14.576	160	237598	29.131	ng/ul		0.00
54) 4-Nitrophenol-d4	15.069	143	31310	27.735	ng/ul		0.00
60) Fluorene-d10	15.874	176	171909	29.201	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.986	200	31621	24.947	ng/ul		0.00
73) Anthracene-d10	17.730	188	286096	30.017	ng/ul		0.00
81) Pyrene-d10	20.010	212	347483	31.256	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.185	264	330660	31.996	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.602	88	7852	9.448	ng/uL	#	92
5) Pyridine	4.014	79	53904	22.979	ng/ul		92
6) Benzaldehyde	7.356	77	39118m	23.345	ng/ul		
8) Phenol	7.409	94	68153	26.508	ng/ul		95
10) Bis(2-Chloroethyl)ether	7.638	93	50098	26.619	ng/ul		93
12) 2-Chlorophenol	7.797	128	47517	28.007	ng/ul		94
13) 2-Methylphenol	8.678	108	52607	28.137	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.766	45	69715	24.285	ng/ul		98
16) Acetophenone	9.066	105	81232	26.285	ng/ul		96
17) N-Nitroso-di-n-propyla...	9.042	70	49314	26.119	ng/ul		93
18) 4-Methylphenol	9.007	108	55250	27.281	ng/ul		88
19) Hexachloroethane	9.342	117	19595	26.751	ng/ul		86
22) Nitrobenzene	9.453	77	69914	26.657	ng/ul		94
23) Isophorone	9.976	82	137143	27.658	ng/ul		97
25) 2-Nitrophenol	10.176	139	29877	29.069	ng/ul		96
26) 2,4-Dimethylphenol	10.229	107	64136	28.759	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.458	93	70899	27.771	ng/ul		97
29) 2,4-Dichlorophenol	10.722	162	52467	29.225	ng/ul		99
30) Naphthalene	11.128	128	166430	28.700	ng/ul		97
32) 4-Chloroaniline	11.227	127	64392	24.820	ng/ul		96
33) Hexachlorobutadiene	11.415	225	39834	27.836	ng/ul		94
34) Caprolactam	11.973	113	19975m	28.589	ng/ul		
35) 4-Chloro-3-methylphenol	12.338	107	64539	31.136	ng/ul		96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.725	142	123417	29.879	ng/ul	98
37) 1-Methylnaphthalene	12.937	142	125099	29.510	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.090	216	80045	28.335	ng/ul	97
40) Hexachlorocyclopentadiene	13.072	237	36912	19.043	ng/ul	97
41) 2,4,6-Trichlorophenol	13.319	196	52185	29.228	ng/ul	96
42) 2,4,5-Trichlorophenol	13.395	196	56722	29.470	ng/ul	97
43) 1,1'-Biphenyl	13.712	154	182092	28.874	ng/ul#	95
44) 2-Chloronaphthalene	13.765	162	135379	27.719	ng/ul	98
45) 2-Nitroaniline	13.953	65	50949	27.220	ng/ul	95
47) Dimethylphthalate	14.317	163	187820	28.210	ng/ul	99
48) 2,6-Dinitrotoluene	14.441	165	40236	28.662	ng/ul	98
50) Acenaphthylene	14.605	152	231719	28.851	ng/ul	96
51) 3-Nitroaniline	14.776	138	37428	29.475	ng/ul	99
52) Acenaphthene	14.946	153	151853	28.436	ng/ul	98
53) 2,4-Dinitrophenol	14.981	184	18280	22.087	ng/ul#	88
55) 4-Nitrophenol	15.081	109	34320	26.492	ng/ul	86
56) Dibenzofuran	15.275	168	222379	28.672	ng/ul	96
57) 2,4-Dinitrotoluene	15.228	165	60312	29.717	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.504	232	53456	29.943	ng/ul#	85
59) Diethylphthalate	15.680	149	195940	28.525	ng/ul	96
61) Fluorene	15.927	166	189271	29.286	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.909	204	103642	28.898	ng/ul	95
63) 4-Nitroaniline	15.939	138	40117	30.749	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.997	198	31335	25.858	ng/ul#	97
67) N-Nitrosodiphenylamine	16.121	169	166219	30.787	ng/ul	97
68) 4-Bromophenyl-phenylether	16.808	248	74028	31.472	ng/ul#	87
69) Hexachlorobenzene	16.937	284	83076	31.846	ng/ul#	91
70) Atrazine	17.061	200	70949	28.326	ng/ul	98
71) Pentachlorophenol	17.278	266	39856	27.357	ng/ul	99
72) Phenanthrene	17.672	178	318813	30.282	ng/ul	99
74) Anthracene	17.766	178	313242	29.723	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.689	216	85423	28.308	ng/uL	97
76) Pentachlorobenzene	15.204	250	91249	31.070	ng/uL	97
77) Carbazole	18.030	167	286662	30.187	ng/ul	97
78) Di-n-butylphthalate	18.570	149	335387	29.878	ng/ul	100
80) Fluoranthene	19.675	202	414861	32.292	ng/ul#	89
82) Pyrene	20.039	202	401676	31.756	ng/ul#	88
83) Butylbenzylphthalate	20.903	149	145585	33.072	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.825	252	133309	29.896	ng/ul#	97
85) Benzo(a)anthracene	21.925	228	401640	31.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.801	149	206359	32.054	ng/ul#	96
87) Chrysene	21.995	228	381690	31.202	ng/ul	96
89) Di-n-octyl phthalate	23.105	149	348438	32.132	ng/ul	100
90) Benzo(b)fluoranthene	24.310	252	428076	32.905	ng/ul#	96
91) Benzo(k)fluoranthene	24.386	252	385863	32.079	ng/ul#	97
93) Benzo(a)pyrene	25.261	252	395329	32.109	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.432	276	461060	32.714	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.503	278	391588	32.849	ng/ul#	93
96) Benzo(g,h,i)perylene	30.701	276	388715	32.803	ng/ul#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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